



Atty Docket No. 016472-0311717  
U.S. Application No. 10/609,137  
Amendment and Response to Election of Species Requirement

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re PATENT APPLICATION OF

Confirmation No.: 6733

Soheil SHAMS

Group Art Unit: 1631

Appln. No.: 10/609,137

Examiner: Shubo Zhou

Filed: June 26, 2003

Title: APPARATUS, METHOD, AND COMPUTER PROGRAM PRODUCT FOR DETERMINING GENE FUNCTION AND FUNCTIONAL GROUPS USING CHROMOSOMAL DISTRIBUTION PATTERNS

**AMENDMENT AND RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

**Mail Stop Amendment**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated December 9, 2005, please amend the above-identified application as follows:

**Amendments to the Specification** are included on page 2 of this paper.

**Remarks** begin on page 3 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 033975 (Ref. No. **016472-0311717**).



## Addendum

Invention Title:

APPARATUS, METHOD, AND COMPUTER PROGRAM PRODUCT FOR  
DETERMINING GENE FUNCTION AND FUNCTIONAL GROUPS USING  
CHROMOSOMAL DISTRIBUTION PATTERNS